

U.S. Patent Application Serial No. 10/561,789
Amendment filed June 18, 2010
Reply to OA dated March 24, 2010

AMENDMENTS TO THE CLAIMS:

Please amend claims 6, 8-9, 11-12, 16, and 19-20, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Original): A solid oxide fuel cell comprising:
a substrate;
an electrolyte disposed on one surface of the substrate; and
at least one electrode element comprising an anode and a cathode disposed on the same surface of the electrolyte and with a predetermined space therebetween.

Claim 2 (Original): The solid oxide fuel cell according to Claim 1, which further comprises
another electrolyte disposed on the other surface of the substrate, and
another electrode element comprising an anode and a cathode disposed with a predetermined space therebetween on the same surface of the electrolyte which is disposed on the other surface of the substrate.

Claim 3 (Previously Presented): The solid oxide fuel cell according to Claim 1, which comprises a plurality of such electrode elements.

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Claim 4 (Previously Presented): The solid oxide fuel cell according to Claim 3, which further comprises an interconnector for connecting the plurality of electrode elements.

Claim 5 (Previously Presented): The solid oxide fuel cell according to Claim 3, wherein a groove is formed in the electrolyte to partition between adjacent electrode elements.

Claim 6 (Currently amended): The solid oxide fuel cell according to Claim 3, wherein the electrolyte is separated ~~from the~~ between each adjacent electrode element ~~elements~~.

Claim 7 (Original): The solid oxide fuel cell according to Claim 6, wherein an insulating material is disposed between adjacent electrolytes.

Claim 8 (Currently amended): The solid oxide fuel cell according to ~~Claim 1~~ Claim 1, wherein the electrolyte is formed by printing.

Claim 9 (Currently amended): The solid oxide fuel cell according to ~~Claim 1~~ Claim 1, wherein the electrolyte is formed into a plate-like shape, and the electrolyte is attached to the substrate by adhesive.

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Claim 10 (Original): The solid oxide fuel cell according to Claim 5, wherein the groove cuts through the electrolyte and reaches the substrate.

Claim 11 (Currently amended): The solid oxide fuel cell according to ~~Claim 1~~ Claim 1, wherein the electrode element is formed in such a manner that one of the electrodes is surrounded by another electrode with a predetermined space therebetween.

Claim 12 (Currently amended): A solid oxide fuel cell comprising a plurality of single cells each having an electrolyte, an anode, and a cathode,

the solid oxide fuel cell further comprising a substrate for supporting the plurality of single cells;

the electrolyte of each single cell being disposed on the substrate ~~with predetermined space therebetween~~ and separated by a predetermined space from adjacent electrolytes.

Claim 13 (Original): The solid oxide fuel cell according to Claim 12, which further comprises an interconnector for connecting the plurality of single cells.

Claim 14 (Previously Presented): The solid oxide fuel cell according to Claim 12, wherein each electrolyte is formed by printing.

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Claim 15 (Previously Presented): The solid oxide fuel cell according to Claim 12, wherein each electrolyte is formed into a plate-like shape, and each electrolyte is attached to the substrate by adhesive.

Claim 16 (Currently amended): The solid oxide fuel cell according to ~~Claim 1~~ Claim 1, wherein the substrate is formed from a ceramic material.

Claim 17 (Previously Presented): The solid oxide fuel cell according to Claim 2, which comprises a plurality of such electrode elements.

Claim 18 (Previously Presented): The solid oxide fuel cell according to Claim 4, wherein a groove is formed in the electrolyte to partition between adjacent electrode elements.

Claim 19 (Currently amended): The solid oxide fuel cell according to ~~Claim 13~~ Claim 13, wherein each electrolyte is formed by printing.

Claim 20 (Currently amended): The solid oxide fuel cell according to ~~Claim 13~~ Claim 13, wherein each electrolyte is formed into a plate-like shape, and each electrolyte is attached to the substrate by adhesive.